

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-7 (canceled)

Claim 8 (currently amended): A serviceable exhaust aftertreatment device for exhaust flowing axially along an axial flowpath from upstream to downstream, comprising an inlet cylindrical body providing an inlet section, a central cylindrical body providing an exhaust aftertreatment central section and an outlet cylindrical body providing an outlet section, said cylindrical bodies being axially colinearly aligned along said axis, with said central cylindrical body being axially between said inlet and outlet cylindrical bodies and removable therefrom for servicing, said inlet cylindrical body having distally opposite upstream and downstream axial ends, said central cylindrical body having distally opposite upstream and downstream axial ends, said outlet cylindrical body having distally opposite upstream and downstream axial ends, said downstream end of said inlet cylindrical body engaging said upstream end of said central cylindrical body in axial sliding telescoped relation, said downstream end of said central cylindrical body engaging said upstream end of said outlet cylindrical body in axial sliding telescoped relation, such that said exhaust aftertreatment device is serviced by axially sliding said inlet and central cylindrical bodies away from each other and axially sliding said central and outlet cylindrical bodies away from each other, wherein

said inlet cylindrical body has an inlet pipe extending axially in a first axial direction therefrom from said upstream axial end thereof,

said outlet cylindrical body has an outlet pipe extending axially in a second direction therefrom from said downstream axial end thereof, said first and second axial directions being opposite to each other,

said inlet cylindrical body defines an axially extending inlet plenum therealong along an axially extending sidewall,

25 said axially extending sidewall of said inlet cylindrical body extends axially between said distally opposite upstream and downstream axial ends of said inlet cylindrical body,

said inlet plenum extends axially between said inlet pipe and said upstream axial end of said central cylindrical body,

said outlet cylindrical body defines an axially extending outlet plenum therealong along an axially extending sidewall,

30 said axially extending sidewall of said outlet cylindrical body extends axially between said distally opposite upstream and downstream ends of said outlet cylindrical body,

said outlet plenum extends axially between said downstream axial end of said central cylindrical body and said outlet pipe.

Claim 9 (original): The exhaust aftertreatment device according to claim 8 wherein said downstream end of said inlet cylindrical body has a beaded construction comprising a first raised annular rib of increased radial height and a first annular flange extending axially downstream therefrom, said upstream end of said central cylindrical body has a beaded

5 construction comprising a second raised annular rib of increased radial height and a second annular flange extending axially upstream therefrom, said downstream end of said central cylindrical body has a beaded construction comprising a third raised annular rib of increased radial height and a third annular flange extending axially downstream therefrom, said upstream end of said outlet cylindrical body has a beaded construction comprising a fourth raised annular

10 rib of increased radial height and a fourth annular flange extending axially upstream therefrom, wherein said first and second annular flanges engage in axial sliding telescoped relation without axial overlap of said first and second raised annular ribs, and said third and fourth annular

flanges engage in axial sliding telescoped relation without axial overlap of said third and fourth annular ribs, whereby to permit servicing of said exhaust aftertreatment device by axial withdrawal and insertion of said cylindrical bodies.

15 Claim 10 (currently amended): The exhaust aftertreatment device according to claim 9 wherein said inlet cylindrical body has ~~an~~ said axially extending sidewall having a double shoulder construction comprising a first raised shoulder of first increased radial height and a second raised shoulder of second increased radial height, said second raised shoulder providing said first raised annular rib, said second increased radial height being greater than said first increased radial height, said central cylindrical body has an axially extending sidewall having a double shoulder construction at said upstream end comprising a third raised shoulder of third increased radial height and a fourth raised shoulder of fourth increased radial height, said fourth raised shoulder providing said second raised annular rib, said fourth increased radial height being greater than said third increased radial height, said sidewall of said second cylindrical body having another double shoulder construction at said downstream end comprising a fifth raised shoulder of fifth increased radial height and a sixth raised shoulder of sixth increased radial height, said sixth raised shoulder providing said third raised annular rib, said sixth increased radial height being greater than said fifth increased radial height, said outlet cylindrical body has ~~an~~ said axially extending sidewall having a double shoulder construction comprising a seventh raised shoulder of seventh increased radial height and an eighth raised shoulder of eighth increased radial height, said eighth raised shoulder providing said fourth raised annular rib, said eighth increased radial height being greater than said seventh increased radial height.

Claim 11 (original): The exhaust aftertreatment device according to claim 10 wherein said inlet cylindrical body sidewall has inner and outer surfaces, said outer surface of said inlet cylindrical body sidewall at said first flange has a radial height less than the radial height of said outer surface of said inlet cylindrical body sidewall at said second shoulder and less than or equal to the radial height of said outer surface of said inlet cylindrical body sidewall at said first shoulder, said central cylindrical body sidewall has inner and outer surfaces, said outer surface of said central cylindrical body sidewall at said second flange has a radial height less than the radial height of said outer surface of said central cylindrical body sidewall at said fourth shoulder and less than or equal to the radial height of said outer surface of said central cylindrical body sidewall at said third shoulder, said outer surface of said central cylindrical body sidewall at said third flange has a radial height less than the radial height of said outer surface of said central cylindrical body sidewall at said sixth shoulder and less than or equal to the radial height of said outer surface of said central cylindrical body sidewall at said fifth shoulder, said outlet cylindrical body sidewall has inner and outer surfaces, said outer surface of said outlet cylindrical body sidewall at said fourth flange has a radial height less than the radial height of said outer surface of said outlet cylindrical body sidewall at said eighth shoulder and less than or equal to the radial height of the outer surface of said outlet cylindrical body sidewall at said seventh shoulder.

Claim 12 (original): The exhaust aftertreatment device according to claim 10 wherein said inlet cylindrical body sidewall has inner and outer surfaces, said inner surface of said inlet cylindrical body sidewall at said first flange has a radial height less than the radial height of said inner surface of said inlet cylindrical body sidewall at said second shoulder and less than or equal to the radial height of said inner surface of said inlet cylindrical body sidewall at said first shoulder, said central cylindrical body sidewall has inner and outer surfaces, said inner surface of said central cylindrical body sidewall at said second flange has a radial height less than the

radial height of said inner surface of said central cylindrical body sidewall at said fourth shoulder and less than or equal to the radial height of said inner surface of said central cylindrical body sidewall at said third shoulder, said inner surface of said central cylindrical body sidewall at said third flange has a radial height less than the radial height of said inner surface of said central cylindrical body sidewall at said sixth shoulder and less than or equal to the radial height of said inner surface of said central cylindrical body sidewall at said fifth shoulder, said outlet cylindrical body sidewall has inner and outer surfaces, said inner surface of said outlet cylindrical body sidewall at said fourth flange has a radial height less than the radial height of said inner surface of said outlet cylindrical body sidewall at said eighth shoulder and less than or equal to the radial height of said inner surface of said outlet cylindrical body sidewall at said seventh shoulder.

Claim 13 (original): The exhaust aftertreatment device according to claim 10 wherein said first, third, fifth and seventh increased radial heights are substantially equal to each other, and wherein said second, fourth, sixth and eighth increased radial heights are substantially equal to each other.

Claim 14 (previously presented): The exhaust aftertreatment device according to claim 10 wherein said inlet cylindrical body sidewall has inner and outer surfaces, said outer surface of said inlet cylindrical body sidewall at said first flange has a radial height less than the radial height of said outer surface of said inlet cylindrical body sidewall at said second shoulder and less than or equal to the radial height of said outer surface of said inlet cylindrical body sidewall at said first shoulder, said central cylindrical body sidewall has inner and outer surfaces, said outer surface of said central cylindrical body sidewall at said second flange has a radial height less than the radial height of said outer surface of said central cylindrical body sidewall at said fourth shoulder and less than or equal to the radial height of said outer surface of said central cylindrical body sidewall at said fourth shoulder and less than or equal to the radial height of said outer surface of said central cylindrical body sidewall at said fifth shoulder.

10 cylindrical body sidewall at said third shoulder, said outer surface of said central cylindrical body sidewall at said third flange has a radial height less than the radial height of said outer surface of said central cylindrical body sidewall at said sixth shoulder and less than or equal to the radial height of said outer surface of said central cylindrical body sidewall at said fifth shoulder, said outlet cylindrical body sidewall has inner and outer surfaces, said outer surface of
15 said outlet cylindrical body sidewall at said fourth flange has a radial height less than the radial height of said outer surface of said outlet cylindrical body sidewall at said eighth shoulder and less than or equal to the radial height of the outer surface of said outlet cylindrical body sidewall at said seventh shoulder, said inner surface of said inlet cylindrical body sidewall at said first flange has a radial height less than the radial height of said inner surface of said inlet
20 cylindrical body sidewall at said second shoulder and less than or equal to the radial height of said inner surface of said inlet cylindrical body sidewall at said first shoulder, said inner surface of said central cylindrical body sidewall at said second flange has a radial height less than the radial height of said inner surface of said central cylindrical body sidewall at said fourth shoulder and less than or equal to the radial height of said inner surface of said central
25 cylindrical body sidewall at said third shoulder, said inner surface of said central cylindrical body sidewall at said third flange has a radial height less than the radial height of said inner surface of said central cylindrical body sidewall at said sixth shoulder and less than or equal to the radial height of said inner surface of said central cylindrical body sidewall at said fifth shoulder, said inner surface of said outlet cylindrical body sidewall at said fourth flange has a
30 radial height less than the radial height of said inner surface of said outlet cylindrical body sidewall at said eighth shoulder and less than or equal to the radial height of said inner surface of said outlet cylindrical body sidewall at said seventh shoulder, the radial height of said outer surface of said sidewall of one of said first and second flanges is substantially equal to the radial height of said inner surface of said sidewall of the other of said first and second flanges, the
35 radial height of said outer surface of said sidewall of one of said third and fourth flanges is

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substantially equal to the radial height of said inner surface of said sidewall of the other of said third and fourth flanges.

Claim 15 (original): The exhaust aftertreatment device according to claim 10 wherein said central section comprises a plurality of cylindrical bodies.

Claims 16-22 (canceled)